

In re: Bowden, et al.  
Serial No.: 09/652,292  
Filed: August 31, 2000  
Page 2 of 3

**In the claims:**

Please enter the following new claims:

1-36 (canceled).

37 (new) An isolated nucleic acid encoding a glucose transporter protein comprising the amino acid sequence as set forth in SEQ ID NO: 2.

38 (new) The isolated nucleic acid according to claim 37 comprising the nucleotide sequence as set forth in SEQ ID NO: 1.

39 (new) An isolated host cell transformed with the isolated nucleic acid according to claim 37.

40 (new) A recombinant nucleic acid molecule comprising a promoter operatively associated with the isolated nucleic acid according to claim 37.

41 (new) An isolated host cell containing the recombinant nucleic acid according to claim 40.

42 (new) The isolated host cell according to claim 41, wherein said host cell expresses said glucose transporter protein.